

SEQUENCE LISTING

<110> Croll-Kalish, Susan
Torres, Richard
Murphy, Andrew J.

<120> CIRL3-Like Proteins, Nucleic Acids, and
Methods of Modulating CIRL3-L-Mediated Activity

<130> REG 1030A

<140> to be assigned

<141> 2004-03-19

<150> 60/459,076

<151> 2003-03-21

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 348

<212> PRT

<213> Homo sapien

<400> 1

Met	Gly	Lys	Ile	Ser	Ser	Leu	Pro	Thr	Gln	Leu	Phe	Lys	Cys	Cys	Phe
1				5					10					15	
Cys	Asp	Phe	Leu	Lys	Val	Lys	Met	His	Thr	Met	Ser	Ser	Ser	His	Leu
			20					25					30		
Phe	Tyr	Leu	Ala	Leu	Cys	Leu	Leu	Thr	Phe	Thr	Ser	Ser	Ala	Thr	Ala
		35				40					45				
Gly	Pro	Arg	Thr	Leu	Cys	Gly	Ala	Glu	Leu	Val	Asp	Ala	Leu	Gln	Phe
50					55					60					
Val	Cys	Gly	Asp	Arg	Gly	Phe	Tyr	Phe	Asn	Lys	Pro	Thr	Gly	Tyr	Gly
65				70					75					80	
Ser	Ser	Ser	Arg	Arg	Ala	Pro	Gln	Thr	Gly	Ile	Val	Asp	Glu	Cys	Cys
			85					90					95		
Phe	Arg	Ser	Cys	Asp	Leu	Arg	Arg	Leu	Glu	Met	Tyr	Cys	Ala	Pro	Leu
		100						105					110		
Lys	Pro	Ala	Lys	Ser	Ala	Gly	Thr	Gly	Asp	Lys	Thr	His	Thr	Cys	Pro
	115					120						125			
Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe
	130					135				140					
Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val
145				150					155					160	
Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe
			165					170					175		
Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro
		180					185						190		
Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr
	195					200						205			
Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val
	210					215					220				

Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala
 225 230 235 240
 Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg
 245 250 255
 Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly
 260 265 270
 Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro
 275 280 285
 Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser
 290 295 300
 Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln
 305 310 315 320
 Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
 325 330 335
 Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
 340 345

<210> 2
 <211> 421
 <212> PRT
 <213> Homo sapien

<400> 2
 Met Gly Lys Ile Ser Ser Leu Pro Thr Gln Leu Phe Lys Cys Cys Phe
 1 5 10 15
 Cys Asp Phe Leu Lys Val Lys Met His Thr Met Ser Ser Ser His Leu
 20 25 30
 Phe Tyr Leu Ala Leu Cys Leu Leu Thr Phe Thr Ser Ser Ala Thr Ala
 35 40 45
 Gly Pro Arg Thr Leu Cys Gly Ala Glu Leu Val Asp Ala Leu Gln Phe
 50 55 60
 Val Cys Gly Asp Arg Gly Phe Tyr Phe Asn Lys Pro Thr Gly Tyr Gly
 65 70 75 80
 Ser Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys
 85 90 95
 Phe Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Ala Pro Leu
 100 105 110
 Lys Pro Ala Lys Ser Ala Gly Thr Gly Asp Lys Thr His Thr Cys Pro
 115 120 125
 Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe
 130 135 140
 Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val
 145 150 155 160
 Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe
 165 170 175
 Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro
 180 185 190
 Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr
 195 200 205
 Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val
 210 215 220
 Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala
 225 230 235 240
 Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg
 245 250 255
 Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly

Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr
225					230					235					240
Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu
				245					250					255	
Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu
			260					265					270		
Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys
		275					280					285			
Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	Ser	Val	Met	His	Glu
	290					295					300				
Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	Ser	Leu	Ser	Pro	Gly
305					310					315					320
Lys															

<210> 4
 <211> 391
 <212> PRT
 <213> Homo sapien

<400> 4

Met	Gly	Ile	Pro	Met	Gly	Lys	Ser	Met	Leu	Val	Leu	Leu	Thr	Phe	Leu
1				5				10						15	
Ala	Phe	Ala	Ser	Cys	Cys	Ile	Ala	Ala	Tyr	Arg	Pro	Ser	Glu	Thr	Leu
			20					25					30		
Cys	Gly	Gly	Glu	Leu	Val	Asp	Thr	Leu	Gln	Phe	Val	Cys	Gly	Asp	Arg
	35					40						45			
Gly	Phe	Tyr	Phe	Ser	Arg	Pro	Ala	Ser	Arg	Val	Ser	Arg	Arg	Ser	Arg
	50				55					60					
Gly	Ile	Val	Glu	Glu	Cys	Phe	Arg	Ser	Cys	Asp	Leu	Ala	Leu	Leu	
65				70				75						80	
Glu	Thr	Tyr	Cys	Ala	Thr	Pro	Ala	Lys	Ser	Glu	Gly	Thr	Gly	Asp	Lys
			85					90					95		
Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro
			100					105					110		
Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser
		115					120					125			
Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	His	Glu	Asp
	130					135				140					
Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu	Val	His	Asn
145				150					155						160
Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val
			165					170						175	
Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu
		180					185					190			
Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys
	195					200						205			
Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr
	210					215					220				
Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr
225					230					235					240
Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu
				245					250					255	
Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu
			260					265					270		
Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys

5